



SDMS DocID 2241261

ORIGINAL

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, PA 19103-20209

DATE: 18 July 2000TO: (b) (4)  
Site Assessment and Technical Assistance TeamFROM: Mike Towle  
On-Scene CoordinatorRE: 12<sup>th</sup> Street Landfill Site - Analytical Services  
Wilmington, New Castle County County, DE

Please arrange for the analysis of samples as described below in support of (Site activity, e.g., site assessment, extent of contamination study, confirmation sampling, PRP oversight, etc.) Removal Activities at the above referenced site.

Analytical Request

1. Anticipated Sampling Dates: (Note anticipated sampling date(s) and any other pertinent information related to schedule) 18 July - 10 August 2000

2. Requested Analyses:

<u>Matrix<sup>1</sup></u>	<u>No. of Samples<sup>2</sup></u>	<u>Analyses<sup>3</sup></u>	<u>Method<sup>4</sup></u>	<u>Turnaround Time<sup>5</sup></u>
Air	100	As, Cr, Pb	NIOSH 7300	48 Hour Verbals

<sup>1</sup>Matrix - sample medium, e.g., soil, water, waste, air, dust, paint chips, concrete, etc.

<sup>2</sup>No. of Samples - include number of expected field samples, field duplicates, and trip or field blanks.

<sup>3</sup>Analyses - indicate analyses requested, e.g., TAL metals (CLP metals), TCL organics (CLP organics), VOCs, Semi-VOCs, pesticides, PCBs, dioxins, individual analytes, e.g., lead, TCE, etc.

<sup>4</sup>Method - Indicate method requested, e.g., CLP, SW-846, NIOSH, OSHA, other.

<sup>5</sup>Turnaround time- indicate requested analytical turnaround time, e.g., 35 days, 2 weeks, 5 days, 48 hr, 24 hour., etc. Specify if for verbals, final, etc.

3. Level of Validation: \_\_ (indicate level of ESAT validation requested, e.g., Organics (M1, M2, M3); Inorganics (IM1, IM2)) M2, IM2
4. Validation Turnaround Time: \_\_ (indicate requested data validation turnaround time, \_\_ note: M3 and IM2 require 30 day TAT from ESAT) 2 Weeks
5. STA RTurnaround Time: \_\_ (indicate requested START turnaround time for delivery of data summary tables, trip report, etc. to OSC upon START receipt of validated data from ESAT or requested turnaround time for START to provide deliverables if START provides analytical services and validation of data 1 Week

#### Analytical Process Documentation

As specified by the Director of EPA OERR, the recommended decision tree for selecting contract vehicles for analytical services is:

- Tier 1: EPA Regional Laboratory and Environmental Services Assistance Team (ESAT)  
Tier 2: National Analytical Services Contracts (i.e., Contract Laboratory Program (CLP))  
Tier 3: Region Specific Analytical Services Contracts  
Tier 4: Analytical Services Interagency Grants and Field Contracts/Subcontracts (i.e., START, ERRS, ESS, ARCS, etc.)

START shall provide documentation of the OSC's decision, considering the above decision tree, in determining the appropriate analytical vehicles/contracts selected for analysis of samples as requested. START shall document the reasons for the OSC's selection of a particular tier of analytical service (e.g., to meet requested turnaround times). This documentation shall be placed in the site file.

Tier 4 was used because the OSC needs the verbal results in 48 hours. In addition, the sample delivery times will be unpredictable, thus making it difficult for EPA to process. The validated results are needed within 2 weeks of sample package receipt and a IM2 data validation for metals requires 30 days through ESAT.